INTERNATIONALSEARCHREPORT

International application No. PCT/JP2005/008267

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl. B41J2/01, B65H5/00

According to International Patent Classification (IPC) or to both national classification and IPC

FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl. B41J2/01, B65H5/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Published examined utility model applications of Japan 1922-1996
Published unexamined utility model applications of Japan 1971-2005
Registered utility model specifications of Japan 1996-2005
Published registered utility model applications of Japan 1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUM	ENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.
A ·	EP 1238812 A1 (RICOH CO., LT 9, paragraphs 0058 and 005 & US 2002/0126193 A1 & JP	9; Figs. 2 and 3	1-15
Special An docume consider earlier a national C docume is cited special docume means An docume docume means An docume than the	r documents are listed in the continuation of Box C. categories of cited documents: Int defining the general state of the art which is not red to be of particular relevance application or patent but published on or after the inter- filling date Int which may throw doubts on priority claim(s) or which to establish the publication date of another citation or other reason (as specified) Int referring to an oral disclosure, use, exhibition or other ant published prior to the international filing date but later priority date claimed	"X" document of particular relevance; to be considered novel or cannot be inventive step when the document is document of particular relevance; to be considered to involve an inventive combined with one or more of	the claimed invention cannot be considered to involve a staken alone the claimed invention cannot be claimed invention cannot in the document in the such documents, such conskilled in the art
	ctual completion of the international search	Date of mailing of the international sea 02.8.2	arch report
	ailing address of the ISA/IP Iapan Patent Office unigaseki, Chiyoda-ku, Tokyo 100-8915, Japan	Authorized officer Shinichi Shimada	3B 3616